

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*See above*

Applicant(s): Gariepy  
Application No.: 09/601,644  
Filed: 12/11/2000  
Title: Cytotoxic Heteromeric Protein  
Combinatorial Libraries  
Attorney Docket No.: MMC.P-001  
Customer No.: 021121

Group Art Unit: 1639  
Examiner: M. L. Shibuya  
Confirmation No: 7797

RECEIVED  
CENTRAL FAX CENTER  
MAR 03 2005

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Office Action of December 3, 2004, please amend this application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendment to the Claims are reflected in the listing of claims which begins on page 5 of this paper.

Remarks/Arguments begin on page 11 of this paper.

I hereby certify that this paper and any attachments named herein are transmitted to the United States Patent and Trademark Office, Fax number: 703-872-9306 on March 3, 2005

Marina T. Larson  
Marina T. Larson, PTO Reg. No. 32,038

March 3, 2005  
Date of Signature

Page 1 of 14

**REMARKS**

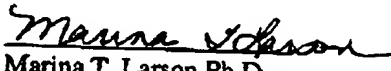
In response to the examiner's request during a telephone status inquiry of even date, Applicants enclose a clean copy of the claims as currently pending after the Preliminary Amendment filed with the application. In addition, Applicants request entry of an additional amendment adding claims 34-41 as now presented.

The Examiner's assistance in moving this case into an active status for examination is appreciated.

The present amendment is made to add claims directed to combinatorial protein libraries, and to a method for making nucleic acid sequences or pools of nucleic acid sequences encoding cytotoxic mutant proteins. The first amendment is supported in the application, *inter alia*, at Page 9, lines 1-4 and Page 14, lines 24-26. With respect to the second amendment, the nucleic acid sequences are an intermediate on the way to the protein.

The Commissioner is authorized to charge the fee for one additional independent claim and 8 additional claims as a small entity to Deposit Account No. 15-0610.

Respectfully submitted,

  
Marina T. Larson Ph.D.  
PTO Reg. No. 32,038  
Attorney for Applicant  
(970) 468-6600